

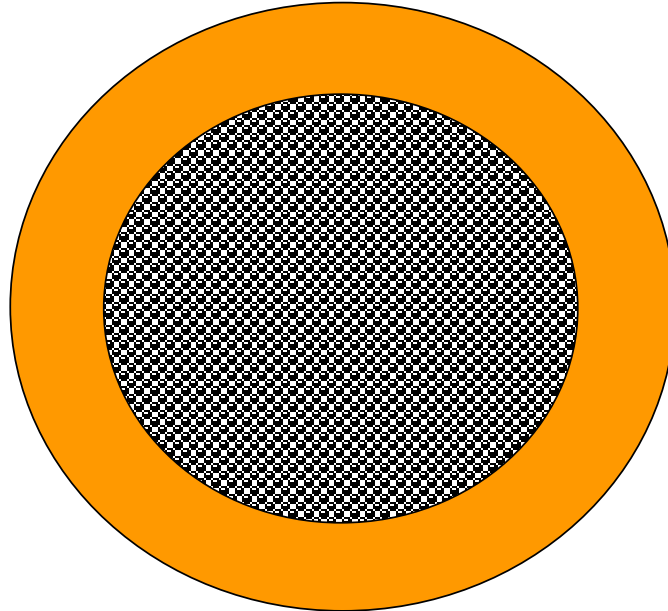
REV.	DESCRIPTION	DATE
0	Initial release.	2/3/2015

**General Properties  
Application**

High voltage 70mm<sup>2</sup> 1140/.28mm BC HVFX Thickwall Cable  
Hybrid or Electric powered Vehicles

**General Composition of Cable**

See Below



**Color Code**

Inner            Orange  
Outer Jacket    Orange

**Physical Data**

Description		Dimensions (Nom.)	
		inches	mm
1. Conductor:	70mm <sup>2</sup> 1140/.28mm bare copper	0.455	11.56
2. Insulation:	EXRAD HVFX wall thickness: 58 mil	0.571	14.50

**Electrical Data**

Resistance                    0.243min, 0.259max mOhm/M at 20°C  
Voltage Rating              1,000 volts maximum per SAE J1654

**General Data**

Use:                              High Voltage Power Cables for Electric or Hybrid Vehicles  
Temperature Range:        -40° C to +150° C  
Primary Insulation         ISO 6722 Class D Thick Wall  
UV Resistance              1500 hours Xenon Arc Lamp  
Bend Radius:                inches                    mm  
   1.7                        44



TITLE		
70mm <sup>2</sup> 1140/.28mm BC HVFX Thickwall		

**UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS AND TOLERANCES  
ARE IN INCHES**

DO NOT SCALE THIS DRAWING

DRN.	Richard Antic	DATE	2/3/2015
CKD.		DATE	
SIZE	PART NUMBER	DOCUMENT NUMBER	14950
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